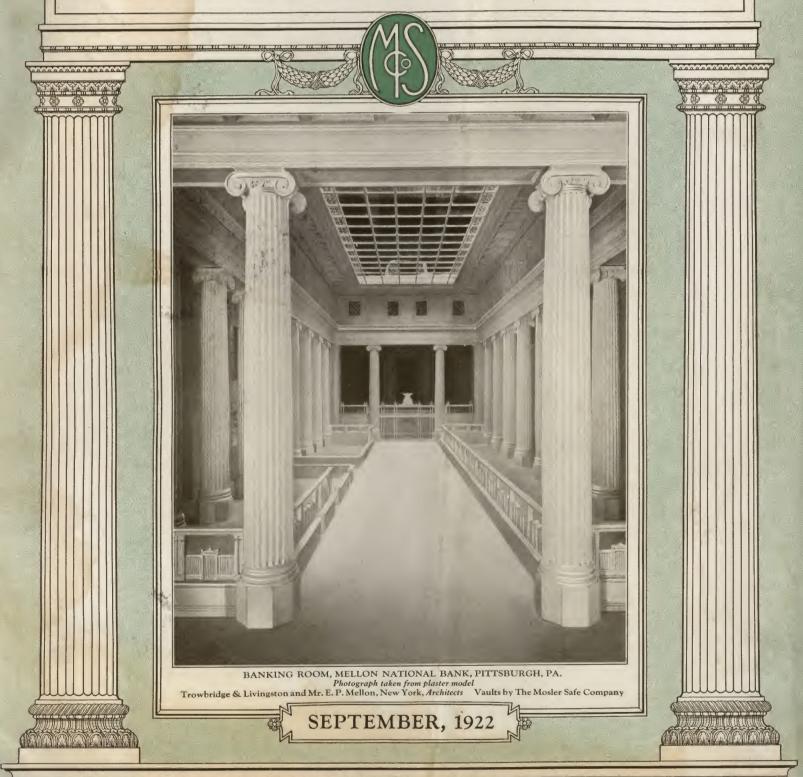
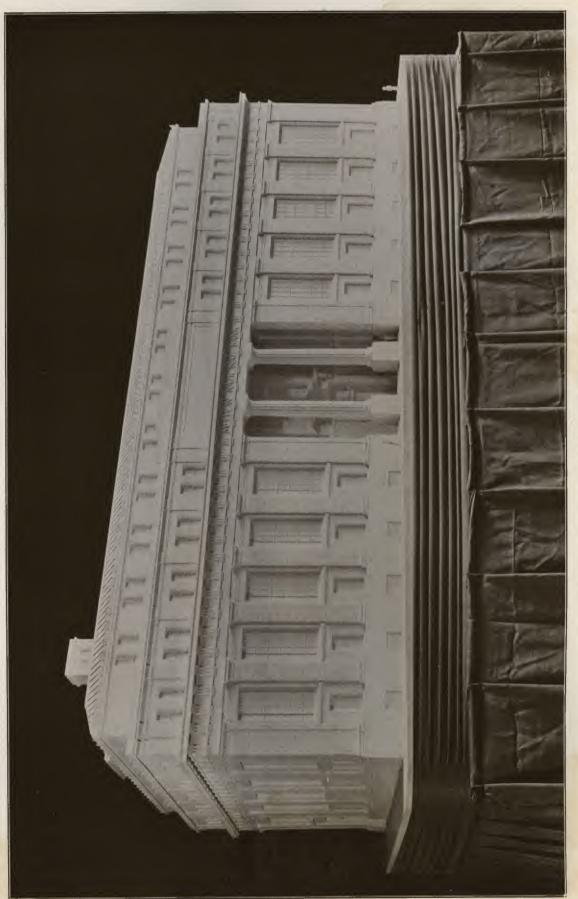
# MOSLER MESSENGER



PUBLISHED BY THE MOSLER SAFE CO. HAMILTON, OHIO



Vaults by The Mosler Safe Company, Hamilton, Ohio MELLON NATIONAL BANK, PITTSBURGH, PA.

TROWBRIDGE & LIVINGSTON and MR. E. P. MELLON, NEW YORK, Architects

Note. Photograph taken from a plaster model

# MOSLER MESSENGER

Published by THE MOSLER SAFE COMPANY, HAMILTON, OHIO

Devoted to the Interests of Purchasers and Users of Safes and Bank Vaults

Copies will be Mailed free to Any Person or Firm Using or Desiring to Purchase a Safe or Vault

Copyright, 1922, by THE MOSLER SAFE COMPANY Hamilton, Ohio

Vol. I

SEPTEMBER, 1922 No. 4

# SAFEGUARDING A NATION'S TREASURES

ample of a tenacious resistance that

defeated apparently overwhelming

attacking force.

Germany, despite her matchless military system; her far-flung commercial structure and her great merchant marine plowing every sea of the world, is now a crippled Nation; other Nations with strong economic and military organizations were shattered, and passed on into the

pages of history; all due to the unconquerable tenacity of a spirit that proved greater than their own offensive and protective measures.

The safeguarding of a nation's treasures, consisting of the gold, silver, currency, and negotiable instruments required in the barter and exchange of commodities and the maintenance of our industries, is vital. Man-made laws cannot entirely cope with the scattered criminal infesting our The remedy lies in the indicivilized centers. vidual efforts of those entrusted with the responsibilities and care of our wealth.

This struggle has gone on and will continue to go on until the world's end. As Science develops some new condition or element designed for the good of the people, the criminal mind promptly takes advantage of its scope and possibilities for his own peculiar destructive purposes. Thus the struggle is reduced to that of the intelligence of

HE GREAT WAR is a dramatic ex- the higher mind battling with the cunning and adroit resourcefulness of the criminal mind, each

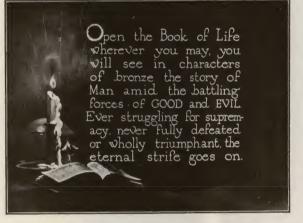
> taking full advantage of the best available tools.

The strongest element that Science has succeeded in producing for us in a commercial way is Steel. The ratio of its strength to its cost permits of it being used in such quantities as to make possible our great arteries of transportation, our wonderful buildings, the automobile, our giant steamships, and an infinity of articles that to-day enter

into the very necessities of our existence. No material so far has succeeded in taking its place. No composition or other element will ever provide its strength in anything like its proportion or cost. Other elements and materials will assist or add to its efficiency perhaps, but the underlying motive or substance of any such combination must be that of steel, the backbone of all our vital material structures.

When the many dangers of attack that a Money or Safe Deposit Vault is called upon to withstand are taken into consideration-mob force, burglarious attack, flood, earthquake, structural collapse, possible bombardment by some attacking forcegreat, concentrated, and enduring strength is the only answer to provide the protection required.

Our largest financial institutions—since the war particularly—have realized this fundamental axiom. In the recent past the tendency has been



(Continued on page 14)



# THE MELLON NATIONAL BANK

PITTSBURGH, PA.



F the many architectural monuments that have been erected to house great financial institutions in this country during the past decade or more, few, if any, will surpass in architectural

beauty and massive construction the new home of the Mellon National Bank now being built in the heart of Pittsburgh.

The simplicity and purity of the Greek style of architecture have been adhered to in the design. The main façade will be of strictly Doric style relieved by a series of pilasters between windows and by an entrance loggia forty feet wide in the center, flanked by two massive pillars. Within

the loggia will be the great bronze doors of the bank. The other fronts will be of similar architectural treatment. The entrance on Oliver Avenue will give immediate access to the new Safe Deposit Vaults. These great Vaults, built by The Mosler Safe Company and equipped with the latest scientific protection devices, are already in use, though really a part of the new building, a special entrance being provided during the period of building construction.

The plan of the interior is that of the Basilica type, being one great room with two rows of Ionic columns, forming a central nave with two side aisles lighted throughout its whole length by a great sky-



MELLON NATIONAL BANK, PITTSBURGH, PA.





MELLON NATIONAL BANK, PITTSBURGH, PA.

TROWBRIDGE & LIVINGSTON and Mr. E. P. MELLON, Architects Vaults by The Mosler Safe Company, Hamilton, Ohio

light. Above the first floor the building will be in the shape of a court with offices on all four sides. This court contains the skylight over the banking room. On the upper floors will be the Working Department and the Welfare Department of the bank. It has always been the policy of the Mellon National Bank to give great attention to the comfort and health of its employees. Lunch rooms, rest rooms, and recreation space have been provided, and in every respect the Mellon National Bank will be a model of the latest development in banking construction.

A central feature of the great banking room is the massive Safe Deposit Vault System, measuring inside approximately ten feet high by forty feet wide by twenty-five feet deep. This Vault is equipped with a Circular Door with an over-all thickness of approximately thirty-two inches. The Safe Deposit Boxes are of the very latest type, and are of various sizes to suit the convenience of the

bank's customers. They are equipped with the latest style of interchangeable key locks. bond boxes or containers in these Safe Deposit Boxes are rather unusual, inasmuch as they are built entirely of aluminum, polished and lacquered, presenting a very attractive appearance. The interior of this Vault is finished throughout in polished steel with a handsome polished steel paneled ceiling, and appropriate lighting devices. The Vault is thoroughly ventilated, and a massive elevating platform is provided in front of the door so that a level walk-way is had from the outside banking room floor to the inside floor of the Vault. Directly underneath this Safe Deposit Vault is a massive Money or Bullion Vault for the convenience of the bank. This Vault is of the same size as the Safe Deposit Vault and is equipped with a Rectangular Door of the same thickness, i.e., approximately thirty-two inches over all. The linings of both these Vaults are extremely heavy, and the steel

# FEDERAL RESERVE BANK

KANSAS CITY, MO.



E are publishing a rather unusual photograph showing part of the equipment recently installed in the new Federal Reserve Bank Building, Kan-

sas City, by The Mosler Safe Company, being moved through the streets. Four five-ton motor trucks, a tractor, and four draft horses were used to haul the door from the railroad yards. This Door is one of the largest ever installed in the Western part of the country. The entire Vault Work was built by The Mosler Safe Company, and is considered one of the finest of the many vault installations which this Company has installed in the Federal Reserve Banks throughout the country.



# LIBERTY NATIONAL BANK

OKLAHOMA CITY, OKLA.



LIBERTY NATIONAL BANK, OKLAHOMA CITY, OKLA. Vaults by The Mosler Safe Company, Hamilton, Ohio

A VERY attractive Safe Deposit vault has been recently installed by The Mosler Safe Company in the Liberty National Bank of Oklahoma City, Okla. The photographs we are publishing herewith will give some idea of the extent of this installation. It comprises a complete Safe Deposit Vault, with Boxes of various sizes, all finished in polished steel. A finely polished steel paneled

ceiling, adequate lighting fixtures, and mirrors provide a very attractive interior. The massive Round Door is finished throughout in polished steel and is equipped with all the latest protective devices, making this one of the strongest and most up-to-date Vaults in the country. An Emergency Door of the same thickness as the Main Entrance is also provided.



LIBERTY NATIONAL BANK, OKLAHOMA CITY, OKLA. Vaults by The Mosler Safe Company, Hamilton, Ohio

# THE TOOTLE LACY NATIONAL BANK

ST. JOSEPH, MO.



PARTICULARLY fine example of Vault Work was installed by The Mosler Safe Company in the new banking quarters of the Tootle Lacy National Bank at St. Joseph, Mo.—

Mr. Walter Boschen, architect. The photographs we are publishing will give some adequate idea of

ered with polished steel plates. A very complete equipment of Safe Deposit Boxes is provided, and the Vault is thoroughly ventilated and lighted. A handsome polished steel ceiling, polished steel wall plates, and mirrors complete the interior, presenting an extremely handsome appearance. The door is a massive Round Door, equipped with all the



THE TOOTLE LACY NATIONAL BANK, ST. JOSEPH, MO.

WALTER BOSCHEN, Architect

Vaults by The Mosler Safe Company, Hamilton, Ohio

the outside arrangement of this Safe Deposit Vault. It will be noted that the entire Vault is enclosed by heavy steel grille work of very handsome design. The front of the Vault itself is covlatest protective devices, and the work is Mosler Standard Construction throughout. The Bank is to be congratulated on having such a very fine Bank and Safe Deposit Vault.



FIRST NATIONAL BANK Tulsa, Okla. Weary & Alford, Chicago, Architects

# VAULT WORK

Built and installed by



COMMERCIAL TRUST & SAVINGS BANK Santa Barbara, Cal. John Parkinson and Donald B. Parkinson Los Angeles, Cal., Architects



NATIONAL 42nd Street, McKim, Mead & V Arch



BOONE COUNTY NATIONAL BANK Columbia, Mo. Weary & Alford, Chicago, Architects

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INDIANA COUNTY DEPOSIT BANK, Indiana, Pa. A. Stanley Miller, New York, Architect



BRISTOL TRUST CO Walter P. Crabtree, New Bri



UNION NATIONAL BANK Houston, Texas Mauran & Russell, St. Louis, Mo., Architects



HELLMAN COMMERCIAL TRUST & SAVINGS BANK, Los Angeles, Cal. Walker & Eisen, Los Angeles, Cal., *Architects* 



UNION BAN Los An A. Curlett, Lo

ITY BANK New York hite, New York,

# THE MOSLER SAFE CO. Hamilton, Ohio



WESTERN SAVINGS BANK, Long Beach, Cal. W. Horace Austin, Los Angeles, Cal., Architect



FOURTH NATIONAL BANK BLDG. Wichita, Kans. K. M. Vitzthum Company, Inc., Chicago Architects



Bristol, Conn. in, Conn., Architect



AMSTERDAM SAVINGS BANK Amsterdam, N. Y. Marcus T. Reynolds, Albany, N. Y., Architect



FIRST NATIONAL BANK Pittsburgh, Kans. Frederick Organ, Omaha, Neb., Architect



& TRUST CO. eles, Cal. Angeles, Cal., itect



UNION MARKET NATIONAL BANK, Watertown, Mass. Dennison & Hirons, New York, Architects



CANAL COMMERCIAL TRUST & OS SAVINGS BANK, New Orleans, La., Emile Weil, New Orleans, La., Architect

# OUR GOLDEN STATE

### CALIFORNIA

WE TAKE pleasure in publishing some photographs showing typical banking rooms and vaults in this sunny land of the West; also some of the buildings housing banks which have done so much to develop the natural wealth of this section of our country.

#### SAN FRANCISCO

A somberly robed monk stood on the topmost height of the mountain looking downward. For the first time the eye of a white man was concentrated on the waters of San Francisco Bay. All around were forests in which game abounded and Indians, lived. That was two hundred years ago.

Now, on the borders of that bay, is the great city of San Francisco and other cities both large and small. Where looked the Catholic father on the broad expanse of water surrounded by wilderness has come to be built the great financial center of San Francisco, with its towering buildings, its shipping lines to all ports of the world, its seventeen banks holding in their vaults treasures uncountable.

## UNION BANK & TRUST CO.

#### LOS ANGELES

FEW BANKS in the United States have a history more picturesque than that of the Union Bank & Trust Co., Los Angeles. Its founder, Kaspare Cohn, was a pioneer merchant of southern California. He arrived there when only nineteen years of age, when Los Angeles was nothing but a squalid little pueblo, the business center for the rude agricultural, stock-raising, and mining activities of the region. At that time there were no banks in Los Angeles. Having complete confidence in Mr. Cohn, the stockmen and others of his customers who were obliged to absent themselves for long periods at a time grew into the habit of entrusting him with their surplus funds. This practice grew



UNION BANK & TRUST CO., LOS ANGELES, CAL. Vaults by The Mosler Safe Company, Hamilton, Ohio A. E. CURLETT, Los Angeles, Cal., Architect



UNION BANK & TRUST CO., LOS ANGELES, CAL. Vaults by The Mosler Safe Company, Hamilton, Ohio A. E. CURLETT, Los Angeles, Cal., Architect

to such large proportions that he finally incorporated a bank under the name of the Kaspare Cohn Commercial & Savings Bank. Responding to the rapid growth around it and to the opportunities for greater activities, the bank was reorganized in 1918 as the Union Bank & Trust Co. of Los Angeles. At present it has a capital and surplus of over \$1,650,000, with deposits amounting to more than \$8,000,000.

Its new building on the corner of 8th and Hill streets, known as the Union Bank Building, is one of the handsomest of Los Angeles' sky-scrapers. Mr. A. E. Curlett, of Los Angeles, was the architect. Mr. Curlett deserves great credit for this notably



fine example of architectural beauty. The bank occupies the ground floor, with an entrance on 8th Street as well as one on Hill Street. A conspicuous feature of the bank is a thoroughly equipped Safe Deposit Department down-stairs. It is reached directly from the vestibule either by a stairway or by an elevator operating exclusively between the main floor and the Safe Deposit Department. The Vault, built by The Mosler Safe Company, is the very highest type of construction, embodying all the latest protective devices. It is equipped with

a large Round Door. An elevating platform is provided to afford a level walk-way through the entrance of the door from the main Safe Deposit floor to the floor inside of the Safe Deposit Vault. The Vault is completely filled with Safe Deposit Boxes finished in polished steel, with a handsome paneled polished steel ceiling and a special type of electric lighting. This is unquestionably one of the finest Safe Deposit installations in the country, and is a credit to the bank, as well as to the manufacturer.

### MERCHANTS NATIONAL BANK

#### LOS ANGELES

OF THE many magnificent banking rooms in the United States, few, if any, can equal that of the Merchants National Bank of Los Angeles. The harmony of design and the wonderful detail of the

decorative effects must be seen to be fully appreciated. It is quite impossible to give any adequate description of this very beautiful banking room and its equipment in a brief article of this



MERCHANTS NATIONAL BANK, LOS ANGELES, CAL.

A. E. CURLETT, Los Angeles, Cal., Architect

Vaults by The Mosler Safe Company, Hamilton, Ohio

character. The Vault system is most comprehensive and possibly one of the largest, if not the finest, installations of its kind in the country. The majestic and dignified appearance of the large Round Doors is greatly accentuated by the very handsome decorative mouldings carried around the architraves. Mr. A. E. Curlett, of Los Angeles, the well-known architect, can surely feel that this wonderful edifice will stand as a monument to his creative genius, and great credit is due the bank officials for increasing, if possible, the beauty of Los Angeles by the erection of this superb structure.

We are publishing some views of the interior of this wonderful banking room and the great vaults, which will convey some idea of the richness of the decorations and equipment in this splendid institution. The Vaults were built by The Mosler Safe Company and are of manganese steel throughout, possibly the largest installation of this type of construction in the world.



MERCHANTS NATIONAL BANK, LOS ANGELES, CAL. Vaults by The Mosler Safe Company, Hamilton, Ohio A. E. Curlett, Los Angeles, Cal., Architect



MERCHANTS NATIONAL BANK, LOS ANGELES, CAL.
Vaults by The Mosler Safe Company, Hamilton, Ohio
A. E. Curlett, Los Angeles, Cal., Architect

#### LOS ANGELES

The poetry of romance mingling with practical accomplishment is working out the human problem in this bit of the world bathed in glorious sunshine, favored by the gods beyond speculation. The wilderness discovered by the Spanish Franciscan fathers has developed into a world metropolis of industry and living. For two hundred years, known principally as a health resort, she has developed into a great business city. To the designation of being "The Playground of the World" must be added—at least must be added soon—that of "The Workshop of the World." Idealism runs in double harness here with practical The open shop, cheapest business. power, and the climatic conditions give cause for the expression attributed to a typical Los Angeles citizen, "I never want to go to Heaven Los Angeles is good enough for me." large business interests have made it necessary to develop large banking facilities, and it is unquestionably true that some of the largest and most beautiful banking rooms of the United States are to be found there.

## BEAUTIFUL BANK INTERIORS



THE NATIONAL CITY BANK, 42nd STREET, NEW YORK McKim, Mead & White, New York, Architects



INDIANA COUNTY DEPOSIT BANK, INDIANA, PA. A. STANLEY MILLER, New York, Architect



WARREN INST. FOR SAVINGS, BOSTON, MASS. THOMAS M. JAMES Co., Boston, Mass., Architects

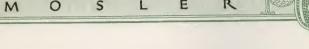


HELLMAN COMMERCIAL TRUST & SAVINGS BANK LOS ANGELES, CAL. WALKER & EISEN, Los Angeles, Cal., Architects



UNION BANK & TRUST CO., LOS ANGELES, CAL. A. E. Curlett, Los Angeles, Cal., Architect

Vault work built and installed by THE MOSLER SAFE COMPANY, Hamilton, Ohio



### Safeguarding a Nation's Treasures

(Continued from page 3)

to increase the thickness of all steel protective measures entering into the construction of a vault. Immense doors and frames over three feet thick are not unusual, and linings of solid steel seven and one half inches thick, protected by steel reinforced concrete walls, have been built as the resort of the intelligent mind against that of the cunning criminal.

The Safe-maker is called upon to bear his share in providing protection for the nation's wealth. It is a pardonable confession to make that no industry involves or comprehends a more conscientious instinct to provide the utmost in good service and workmanship, skill, and thought than that of the Safe-maker. His recommendations for heavier and still heavier construction to cope with the march of progress in destructive agents brought out from time to time could be considered perhaps as a display of his commercial instinct to increase the sale or volume of his work. This, nevertheless, is untrue, as a far greater reward than dollars and cents is at stake, *i.e.*, the reputation and renown of the maker.

The Mosler Safe Company, realizing that physical resistance alone is the answer against all forms of attack, caused to be investigated in a thorough engineering way the various types of construction and assembly that could provide the maximum of this physical resistance in a convenient and wellbalanced construction. Their advocacy and development of the solid cast type of door and frame can be considered a notable example of this progressive spirit, and its wide-spread endorsement by the greatest banks and financial institutions, including the Federal Reserve Banks, has given it a final stamp of approval. The solid cast type of construction has entirely superseded the old-style laminated type for vault doors and frames. Great integral masses of steel have taken the place of successive layers of steel plates of various resistances held together merely by screws, these screws perforating the entire area of the plate, in some instances the screw holes being on four-inch centers. In step with this progress The Mosler Safe Company developed the integral outer line bolt frame cast solid with the door itself, carrying an equal degree of strength into this all-important part of the door. As exemplified in a chain, the strength lies in the weakest link. Formerly, bolt frames were attached to the main body of the door by bolts and screws, and the resistance, therefore, of the door to a burglarious attack made by explosives or other force was merely that of the strength of the screws and bolts fastening the bolt frames to the main body of the door.

The Mosler Safe Company unqualifiedly recommends the adoption, whenever consistent with the resources of the purchaser and the volume of money and securities to be protected, of the heaviest *cast type* Doors and proportionately heavy Steel Linings.

#### The Mellon National Bank

(Continued from page 5)

reinforcement in the concrete has been designed to provide the utmost in structural strength, being of a very much more elaborate and comprehensive type than usually found in the concrete walls surrounding Vaults. These walls have a total thickness of twenty-four inches, which, together with the steel lining, provide approximately thirty inches of protection against the would-be burglar. There is also an elevating platform in front of this Vault to provide a level entrance-way from the floor outside of the Vault to the inside of the Vault. This Money and Bullion Vault has a complete installation of very heavy Steel Safes, Security Lockers, and Reserve Chests, all finished in polished steel, the doors of these Safes and Chests being equipped with the highest type of combination locks. The Vault is thoroughly lighted and ventilated.

Underneath these Vaults are extensive Storage Vaults, adequately equipped to care for the storage of silver and bulky articles of value.

A unique feature of the Vaults is the three-story construction; superimposing the great weight of the Safe Deposit and Cash Vaults over the Storage Vaults called for engineering ability of a high caliber.

Trowbridge & Livingston, the noted New York architects, together with their associate architect, Mr. E. P. Mellon, of Pittsburgh and New York, deserve unstinted praise for the rare exhibition of skill and ingenuity shown in creating this unsurpassed monument of architectural beauty and in working out the details of such a project.

The abandonment by the Mellon Bank of its old building on Smithfield Street to make way for the new and modern structure which will adequately house the bank's growing needs, marks the passing of one of Pittsburgh's significant landmarks. The old structure, which stood for over half a century, was indeed a mile-post in Pittsburgh's history, and its demolition stirs many recollections of old-time Pittsburghers.



### MATTERS OF INTEREST

THE RADIO, which has met with such wide-spread favor throughout the country, carried an important message on the night of April 28, which was broadcasted from the Amrad Station, Medford Hillside, Mass., to the 120,-000-odd receiving stations in New England, the subject of this message being "The Safe Deposit Box—A Family Necessity," and again, on July 6, 1922, from Station WGI, Medford Hillside, Mass., subject "Where Do You Keep Your Valuables during the Summer?" the addresses being made by Mr. H. J. Robinson, District Manager for The Mosler Safe Company at Boston. The messages were received with a great deal of interest, and caused many people who had been negligent up to that time in providing themselves with a Safe Deposit Box to immediately call at their local banks and arrange for this absolute necessity.

♦ ♦ ♦ ♦

We are pleased to announce that in addition to the very fine Vaults built and installed by The Mosler Safe Co. in the new Mellon National Bank building of Pittsburgh, we have recently installed the massive Vaults in the new building of the Diamond National Bank and have closed contracts for the Vault Equipment for the Anchor Savings Bank, American State Bank, Workingmen's Savings & Trust Co., German Beneficial Union, Modern Savings & Trust Co., City Deposit Bank, Avalon Bank, and the Union Trust Co., all of Pittsburgh, Pa. We highly appreciate the confidence placed in us by these leading Pittsburgh Banks in selecting our company to build their Bank Vault Equipment.

♦ ♦ ♦ ♦

The Times Star, of Kansas City, Mo., of March 3, 1922, pub-

lished a despatch as follows: "Small country banks vaults of obsolete construction have 'Welcome' written all over them for even the amateur cracksman. No bank can longer presume that a small Fireproof Vault is any protection at all against even a common amateur burglar. In several cases, vaults of this character have been entered by chiseling through the walls." We naturally must agree with them.

♦ ♦ ♦ ♦

In the April, 1922, issue of Architecture, published by Charles Scribner's Sons, is a very interesting article entitled "Problem of the Suburban Town Bank," by the well-known New York architects Messrs. Dennison & Hirons, illustrating a floor plan of the remarkable bank building erected by the Union Market National Bank of Watertown, Mass., of which Dennison & Hirons were the architects. A photograph of the exterior of this building appears on page 9 of this issue. The Mosler Safe Company, of course, installed the fine Bank and Safe Deposit Vaults in this bank, which are very complete and of the most up-to-date construction.

Through an unfortunate and inexcusable oversight we failed to mention that Mr. Emile Weil, the prominent bank architect of New Orleans, was the architect for the beautiful banking houses of the Canal Commercial Trust & Savings Bank, also the Whitney-Central Bank, of New Orleans, illustrations of the interiors appearing on page 6 of our March, 1922, issue.

♦ ♦ ♦ ♦

Mr. H. A. Joy, of the Security Trust & Savings Bank, Los Angeles, Cal., has a motto, and it is a good one-"Never let a small difference in cost obscure a greater difference in protection." 

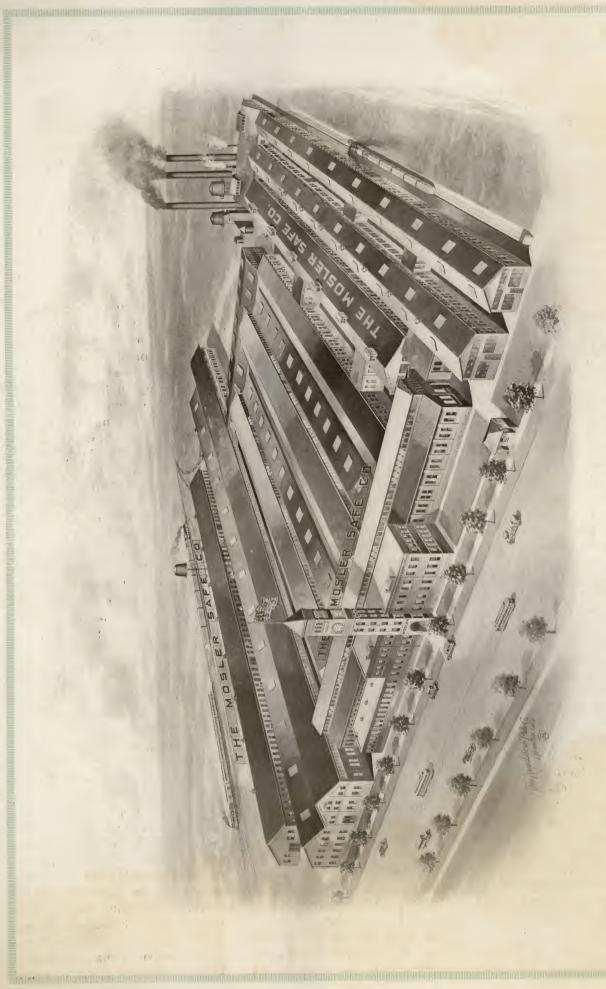
We failed, through an oversight, in our March, 1922, issue, to give Weary & Alford, architects, of Chicago, the credit that is due them for the building of the First National Bank, Denver, Colo., one of the truly notable banking edifices of America. If our readers will recall, we published a view of the Vault in this bank on page 2 of that issue.

Appearing in the April, 1922. issue of the Banking Law Journal, there are a number of very important articles on the liability of bank to depositor for stolen securities, pages 231 and 237. In the same issue, on page 297, is an interesting brief entitled "Order Authorizing Person to Have Access to Safe Deposit Box," which is of interest to banks operating Safe Deposit Systems in the State of Illinois.

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The Coast Banker in its issue of June, 1922, page 634, very kindly reproduced the article which appeared in our March issue concerning the importance of Safe Deposit installations under the following title-"Laying Corner-stone of Financial Freedom." This article deals with the value of the Safe Deposit System as an asset.

The President of the Commercial National Bank of Los Angeles and his attorney made a special trip to Washington in order to consult with the Comptroller of the Currency in the matter of National Banks establishing branch banks. The Comptroller gave at least tacit approval to the plan, and important changes are likely to result.



THE MOSLER SAFE COMPANY, HAMILTON, OHIO The Largest and Most Complete Safe Works in the World



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